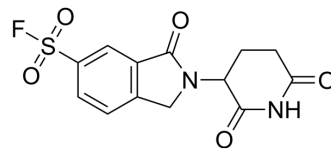


EM12-SO2F

Cat. No.:	HY-W760183
CAS No.:	2803819-61-4
Molecular Formula:	C ₁₃ H ₁₁ FN ₂ O ₅ S
Molecular Weight:	326.3
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EM12-SO2F is a powerful covalent inhibitor of CRBN through binding at His353. EM12-SO2F is a useful chemical probe to investigate the CRBN. EM12-SO2F inhibits the degradation of IKZF1 by lenalidomide (HY-A0003) in MOLT4 cells^{[1][2]}

REFERENCES

- [1]. Lang Zheng, et al. Development of covalent inhibitors: Principle, design, and application in cancer. Volume2, Issue 4. December 2023.
- [2]. Cruite JT, et al. Cereblon covalent modulation through structure-based design of histidine targeting chemical probes. RSC Chem Biol. 2022 Jul 8;3(9):1105-1110.

Caution: Product has not been fully validated for medical applications. For research use only.

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